

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

Claims 1 - 25 (Canceled).

26. (Withdrawn) A method of producing ~~a fragment of the integrin subunit  $\alpha$ 11 as defined in claim 22~~ the mature extracellular domain of integrin subunit  $\alpha$ 11 comprising amino acids 23 to 1141 of SEQ ID NO:2, a fragment of the mature extracellular domain of integrin subunit  $\alpha$ 11 comprising the I-domain of integrin subunit  $\alpha$ 11 from amino acids 159 to 355 of SEQ ID NO:2, a fragment of the mature extracellular domain of integrin subunit  $\alpha$ 11 comprising amino acids 804 to 826 of SEQ ID NO:2, the cytoplasmic domain of integrin subunit  $\alpha$ 11 comprising amino acids 1165 to 1188 of SEQ ID NO: 2, or the transmembrane domain of integrin subunit  $\alpha$ 11 comprising amino acids 1142 to 1164 of SEQ ID NO:2, which method comprises a sequential addition of amino acids.

Claims 27 - 155 (Canceled).

156. (New) The mature extracellular domain of integrin subunit  $\alpha$ 11 comprising amino acids 23 to 1141 of SEQ ID NO:2.

157. (New) A fragment of the mature extracellular domain of integrin subunit  $\alpha$ 11 according to claim 156, wherein the fragment comprises the I-domain of integrin subunit  $\alpha$ 11 from amino acids 159 to 355 of SEQ ID NO:2.

158. (New) A fragment of the mature extracellular domain of integrin subunit  $\alpha$ 11 according to claim 156, wherein the fragment comprises amino acids 804 to 826 of SEQ ID NO:2.

159. (New) The cytoplasmic domain of integrin subunit  $\alpha$ 11 comprising amino acids 1165 to 1188 of SEQ ID NO:2.

160. (New) The transmembrane domain of integrin subunit  $\alpha 11$  comprising amino acids 1142 to 1164 of SEQ ID NO:2.

161. (New) A heterodimer comprising:

- (a) the mature extracellular domain of integrin subunit  $\alpha 11$  according to claim 156; and
- (b) the integrin subunit  $\beta 1$ .

162. (New) The heterodimer of claim 161, wherein the mature extracellular domain of integrin subunit  $\alpha 11$  is non-covalently associated with the integrin subunit  $\beta 1$ .